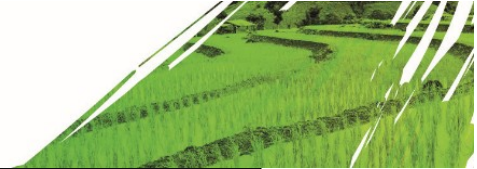


BTEC Assignment Brief

Qualification	Pearson BTEC International Level 3 Foundation Diploma in Agriculture Pearson BTEC International Level 3 Diploma in Agriculture Pearson BTEC International Level 3 Extended Diploma in Agriculture
Unit number and title	Unit 14: International Dairy Production
Learning aim(s)	B: Carry out diet management and feeding practices during the production cycle to maintain health and production targets C: Carry out routine husbandry of dairy cows during the production cycle to meet current welfare and husbandry standards
Assignment title	Routine husbandry and management
Assessor	
Issue date	
Hand in deadline	

Vocational Scenario or Context	You are working as a farm hand at a well-established dairy farm, and you are responsible for carrying out the routine care, husbandry and welfare of dairy cows. This includes identifying issues with care and husbandry, and making suggestions to improve welfare and husbandry standards.
Task 1	Keep a detailed diary of practical activities, and produce a portfolio of evidence demonstrating your ability to consistently carry out routine dietary management and maintenance of dairy cows. In your diary, examine how nutritional health and disease within a dairy herd can impact upon milk production and the ability to meet milk targets. Include evidence of: • selecting and using dairy and husbandry equipment correctly • following policies and procedures to maintain biosecurity • using a range of feedstuffs and maintaining grazing pasture to ensure suitable diet of dairy herds • demonstrating an understanding of nutritional requirements and the need to review diets • dietary management of calves and heifers • maintaining health and welfare, disease prevention and treatment • maintenance of detailed dietary records.
Checklist of evidence required	Portfolio of evidence to include: practical diary, copies of husbandry records, witness testimony, observation records, photographic evidence, video evidence.
Criteria covered by this task:	



Unit/Criteria reference	To achieve the criteria you must show that you are able to:
B.D2	Demonstrate, with a high degree of accuracy, diet management and feeding of dairy cows to maintain health and production targets, evaluating the impact of nutrition and own feeding and diet management tasks.
B.M2	Analyse the impact that nutrition, diet and feeding management have on health and production targets.
B.M3	Demonstrate efficient feeding and diet management of dairy cows to maintain health and production targets.
B.P3	Explain the importance of diet management and feeding practices throughout the dairy production cycle.
B.P4	Demonstrate competent feeding and diet management of dairy cows to maintain health and production targets.
Task 2	Keep a detailed diary of practical activities, and produce a portfolio of evidence demonstrating your ability to consistently carry out routine husbandry and health maintenance of dairy cows. In your practical diary examine how health and disease within a dairy herd can impact upon milk production and the ability to meet milk production targets Include evidence of: • following policies and procedures to maintain biosecurity • strategies to minimise risks while working with a dairy herd • demonstrating an understanding of safe working with a dairy herd • maintaining high animal welfare standards • understanding the connection between good husbandry techniques and healthy cows • routine husbandry work with calves and heifers • maintaining health and welfare, disease prevention and treatment • maintaining detailed records of husbandry.
Checklist of evidence required	Portfolio of evidence to include: practical diary, copies of husbandry records, witness testimony, observation records, photographic evidence, video evidence.

Criteria covered by this task:	
Unit/Criteria reference	To achieve the criteria you must show that you are able to:
C.D3	Demonstrate, with a high degree of accuracy, routine husbandry practices to maintain health, production and milk hygiene targets, evaluating the impact of health and disease problems on production.
C.M4	Demonstrate efficient routine husbandry practices in dairy production to maintain health, production and milk hygiene and targets.
C.M5	Analyse common health and disease problems in dairy cows and the impact on production.
C.P5	Demonstrate competent routine husbandry practices in dairy production to meet health, production and milk hygiene targets.
C.P6	Explain common health and disease problems in dairy cows and their relevance to dairy production.

Sources of information to support you with this Assignment	Books Miller, WJ (2012) <i>Dairy cattle feeding and nutrition</i> , Academic Press, ISBN 978 0123958952 Chamberlain, AT (1996) <i>Feeding the dairy cow</i> , Chalcombe publications, ISBN 978 0948617324 Moran, J & Doyle R (2015) <i>Cow Talk: Understanding Dairy Cow Behaviour to Improve their Welfare on Asian Farms</i> (kindle edition), CSIRO publishing Henry, G (2012) <i>Dairy Cows: Their Feeding and Care, Improvement of the Herds</i> (Classic reprint), Forgotten Books, ASIN B009BG0S18
	Journals/Magazines <i>Dairy Farmer Magazine</i> <i>Farmers Weekly</i> Websites nfonline.com